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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/812,121	03/16/2001	Laurence H. Langholz	ALL865/01028	3311

24118 7590 10/17/2003
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EXAMINER

TRAN A, PHI DIEU N

ART UNIT PAPER NUMBER

3637

DATE MAILED: 10/17/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/812,121

Applicant(s)

LANGHOLZ ET AL.

Examiner

Phi D A

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3,4 and 6-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3,4 and 6-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

Response to Amendment

1. Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1, 4, 7-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wilson (2922501) in view of Miller et al (4899500) and Schillinger et al (5244346).

Wilson (figure 1) shows a mobile communication tower having a trailer having a chassis (28) mounted on two or more wheels (10), a hitch (12), a plurality of chassis guy wire (54, 56) attaching points and a plurality of leveling mechanisms (26), a plurality of pivotally mounted outriggers (48) providing support and stabilization to the structure, each outrigger having an outrigger guy wire attaching point (figure 2) and a foot, the lower end of each guy wire is attached to an outrigger guy wire attaching point, a telescopic tower (30, 31) pivotally mounted on the trailer, a mechanism (36) to raise and lower the tower, a plurality of tower guy wire attaching points on the tower, a plurality of guy wires each with an upper end attached to one of the tower guy wire attaching points and a lower end attached to one of the chassis guy wire attaching points.

Wilson does not show a plurality of outriggers pivotally mounted to the chassis, the outriggers swing radially about an axis parallel to the tower, the foot being vertically adjustable.

Miller et al shows foot (8) being vertically adjustable to allow for compensate with different ground levels.

Schillinger et al (figures 2a-3e) shows a plurality of pivotal outriggers (30, 32) mounted to the chassis (24) and the outriggers swing radially outward parallel to the vertical axis to provide support and stabilization for structure in use.

It would have been obvious to one having ordinary skill in the art at the time of the invention to modify Wilson to show a plurality of outriggers pivotally mounted to the chassis, the outriggers swing radially about an axis parallel to the tower as taught by Schillinger et al, the foot being vertically adjustable as taught by Miller because having a plurality of outriggers pivotally mounted to the chassis, the outriggers swing radially outward parallel to the tower would provide support and stability to the chassis when a mast is raised as taught by Schillinger et al, and having the foot of the pivotally mounted chassis outriggers being adjustable would allow for compensation of the different height of the supporting floor levels of the supporting structure as taught by Miller et al.

3. Claims 3, 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wilson (2922501) in view of Schillinger et al (5961145).

Wilson shows a method of stabilizing a mobile communication tower having the steps of leveling a trailer having a chassis (28) mounted on two or more wheels (10), a hitch (12) a plurality of chassis guy wire attaching points, moving the tower pivotally mounted to a chassis on the trailer from a horizontal (dotted figure) to a vertical position (solid figure), moving a

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plurality of pivotally mounted outriggers (48) from a retracted to an extended position to provide support and stabilization to the structure, attaching upper ends of a plurality of guy wires to the erected tower, attaching the lower ends of the guy wires to the chassis of the trailer and tightening the plurality of guy wires.

Wilson does not show the steps of moving a plurality of outriggers pivotally mounted to the chassis from a retracted to an extended position.

Schillinger et al (figures 2a-3e) shows a plurality of pivotal outriggers (30, 32) mounted to the chassis (24) and the outriggers swing radially outward to provide support and stabilization for structure in use.

It would have been obvious to one having ordinary skill in the art at the time of the invention to modify Wilson to show a plurality of outriggers pivotally mounted to the chassis being moved from a retracted to an extended position because having a plurality of outriggers pivotally mounted to the chassis would provide support and stability to the chassis when the mast is raised as taught by Schillinger et al.

Wilson as modified by Schillinger et al shows all the claimed limitations. The claimed method steps of stabilizing a tower would have been the obvious method steps of stabilizing Wilson's modified structures.

Response to Arguments

4. Applicant's arguments with respect to claims 1, 3, 4, 6-10 has been considered but are moot in view of the new ground(s) of rejection.

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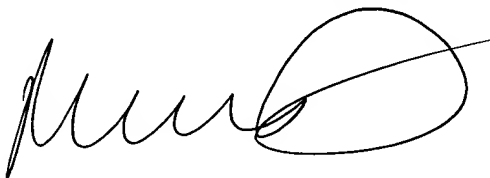
Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The prior art shows different tower structures.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phi D A whose telephone number is 703-306-9136. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lanna Mai can be reached on 703-308-2486. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9326 for regular communications and 703-872-9327 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1113.

A handwritten signature in black ink, appearing to read 'Phi Dieu Tran A', with a large, stylized circular flourish at the end.

Phi Dieu Tran A
October 9, 2003